

REMARKS

At the outset, the Examiner is thanked for the thorough review and consideration of the pending application. The Office Action dated July 7, 2010 has been received and its contents carefully reviewed.

No claims are amended. Claims 1-22 were previously canceled. Claims 23-32 are hereby canceled without prejudice to or disclaimer of the subject matter contained therein. Claims 33-36 are newly added. Support for these claims can be found in the original disclosure, for example, in the Specification at page 7, line 15 through page 9, line 20 and Figure 3. No new matter has been added. Accordingly, claims 33-36 are currently pending. Reexamination and reconsideration of the pending claims are respectfully requested.

Claims 23-26 and 28-31 are rejected under 35 U.S.C. §103(a) as being unpatentable over U.S. Patent Publication No. 2003/0053477 to Kim *et al.* (hereinafter *Kim*) in view of U.S. Patent Publication No. 2004/0184456 to Binding *et al.* (hereinafter *Binding*). Office action at p. 2 ¶4. Claims 23-26 and 28-31 have been canceled herein, rendering rejection of these claims moot. However, as new claims 33-36 relate to similar features of now canceled claims 23-32, Applicants will address the 35 U.S.C. §103(a) rejection with respect to these new claims.

Independent claim 33 is allowable over *Kim* in view of *Binding* in that claim 33 recites a combination of elements including, for example, “an interfacing device for communicating data between a dependent transmission medium and an independent transmission medium, the interfacing device comprising: a first interfacing module, connected to the dependent transmission medium, configured to receive a data through the dependent transmission medium, ... and a second interfacing module, connected to the independent transmission medium, configured to receive the data from the first interfacing module when the data is determined to be processed, and transmit the received data to the independent transmission medium.” The cited references do not teach or suggest at least these features of claim 33.

Similarly, independent claim 35 is allowable over *Kim* in view of *Binding* in that claim 35 recites a combination of elements including, for example, “a method for communicating data between a dependent transmission medium and an independent transmission medium, the

method being performed by at least one electric device including a first interfacing module and a second interfacing module, wherein the first interfacing module is connected to the dependent transmission medium and the second interfacing module is connected to the independent transmission medium.” The cited references do not teach or suggest at least these features of claim 35.

Although the Office asserts that *Kim* discloses an “interface module connected to a non-independent medium” (par. 53 communication module), *Kim* is silent regarding any teaching or suggestion of an interfacing device for communicating data between a dependent transmission medium and an independent transmission medium. In particular, *Kim* is silent regarding any teaching or suggestion that an interfacing device includes “a first interfacing module connected to the dependent transmission medium,” and “a second interfacing module connected to the independent transmission medium,” as claimed.

Binding fails to cure the deficiencies of *Kim*. Although *Binding* discloses a method for communicating data, *Binding* discloses that a mobile network 110 is connected to a fixed data communications network 130 via a gateway 120. See *Binding* at ¶ [0028] and Fig. 2. Therefore, *Binding* does not disclose or suggest an interfacing device that includes “a first interfacing module connected to the dependent transmission medium,” and “a second interfacing module connected to the independent transmission medium,” as claimed.

For at least these reasons, Applicants respectfully submit that independent claims 33 and 35 are patentable over the cited references. Claims 34 and 36 depend from and add further features to independent claims 33 and 35, respectively. Accordingly, it stands to reason that these claims are patentable over the cited references as well by virtue of their dependency from independent claims 33 and 35.

Claims 27 and 32 are rejected under 35 U.S.C. §103(a) as being unpatentable over *Kim* and *Binding* in view of U.S. Patent Publication No. 2004/0047298 to Yook *et al.* (hereinafter *Yook*). Office action at p. 2 ¶ 8. Claims 27 and 32 have been canceled herein, rendering rejection of these claims moot. However, as new claims 33-36 relate to similar features of now canceled claims 27 and 32, Applicants will address the 35 U.S.C. §103(a) rejection with respect to these new claims.

As discussed above, independent claims 33 and 35 recite, *inter alia*, “a first interfacing module connected to the dependent transmission medium,” and “a second interfacing module connected to the independent transmission medium.” Neither *Kim* nor *Binding* disclose or suggest at least these features. Furthermore, *Yook* does not cure the deficiencies of *Kim* and *Binding*. *Yook* is silent regarding any teaching or suggestion of an interfacing device for communicating data between a dependent transmission medium and an independent transmission medium. Moreover, *Yook* is silent regarding any teaching or suggestion that an interfacing device includes “a first interfacing module connected to the dependent transmission medium,” and “a second interfacing module connected to the independent transmission medium,” as claimed.

For at least these reasons, Applicants respectfully submit that independent claims 33 and 35 are patentable over the cited references. Claims 34 and 36 depend from and add further features to independent claims 33 and 35, respectively. Accordingly, it stands to reason that these claims are patentable over the cited references as well by virtue of their dependency from independent claims 33 and 35.

CONCLUSION

If for any reason the Examiner finds the application other than in condition for allowance, the Examiner is requested to call the undersigned attorney at (202) 496-7500 to discuss the steps necessary for placing the application in condition for allowance. All correspondence should continue to be sent to the below-listed address.

If these papers are not considered timely filed by the Patent and Trademark Office, then a petition is hereby made under 37 C.F.R. §1.136, and any additional fees required under 37 C.F.R. §1.136 for any necessary extension of time, or any other fees required to complete the filing of this response, may be charged to Deposit Account No. 50-0911. Please credit any overpayment to Deposit Account No. 50-0911.

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Respectfully submitted,

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